USER'S MANUAL

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Please read this booklet and note the warning statements before using the product.

Warning! Improper use of battery might cause the battery to turn hot or explode.

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Introduction

Thank you for choosing our digital MP3 player. You can use this versatile MP3 player not only for playing MP3 and WMA songs, but also recording voice and serving as a USB flash disk.

Features

- Large LCD display with backlight
- Support MP3 (MPEG1/2 Layer2) and WMA music playback
- Digital voice recorder
- USB mass storage function for data storage
- 7 EQ settings
- 1xAAA battery supports long playing time
- No driver installation is required (except Windows® 98/98SE)

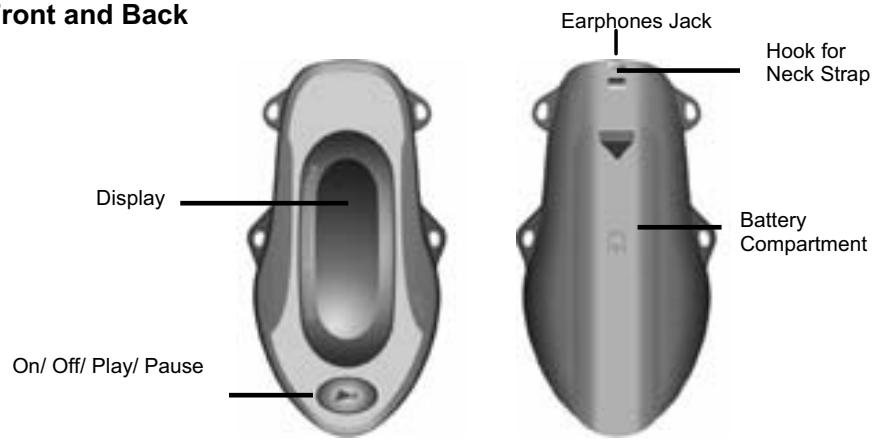
Package Contents

- User's manual
- Earphones with neck strap
- 1xAAA battery
- USB cable
- CD including the driver and software utilities

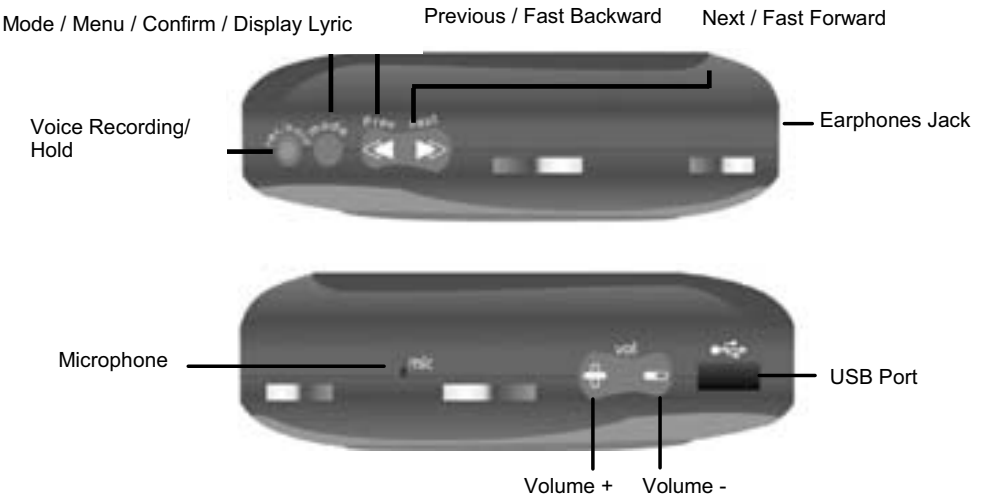
Overview

Buttons Operation

Front and Back



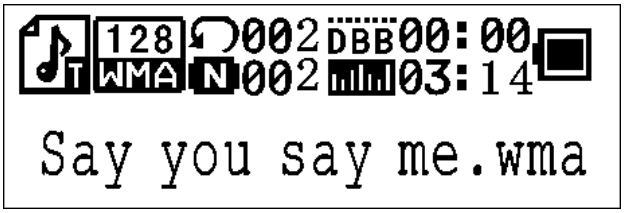
Left and Right

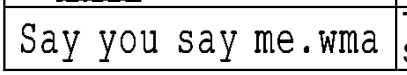


	Operation
EARPHONES JACK	Insert the earphones into the earphones jack
USB PORT	Connect the USB cable to the USB port of the computer for uploading the songs
MICROPHONE	Microphone for voice recording
NEXT/ FAST FORWARD	● In PLAYING mode, push the button upward and release immediately to jump to next song ● Under Menu or Sub-menu page, push the button

	upward and release immediately to jump to next menu items ● In PLAYING mode, push and hold the button upward to fast forward
MODE/ **CONFIRM/** **DISPLAY LYRIC**	● In STOP mode, press and hold the button to enter the Main Menu page for changing the modes. ● Under Menu or Sub-menu page, press the button to confirm to the selection of menu items ● IN PLAYING mode, press and hold the button to display the lyric (The lyric is necessary edited by the user before shown on the LCD display)
PREVIOUS/ **FAST BACKWARD**	● In PLAYING mode, push button downward and release immediately to jump to previous song ● Under Menu or Sub-menu page, push button downward and release immediately to jump to previous menu items ● In PLAYING mode, push and hold the button downward to fast backward the song
ON/ **OFF/** **PLAY/** **PAUSE/**	● In IDLE mode, press and hold the button to turn on the player ● In STOP mode, press and hold the button to turn off the player ● In STOP mode, press the button to play the songs ● In PLAYING mode, press the button to pause the playing song
VOLUME +	Press and hold the button to increase the volume
VOLUME -	Press and hold the button to decrease the volume
REC **HOLD**	Press the button to start voice recording Press and hold the button for a while to lock all buttons Press and hold the button for a while upward to unlock all buttons
DISPLAY	Display the operating status, lyrics with backlight

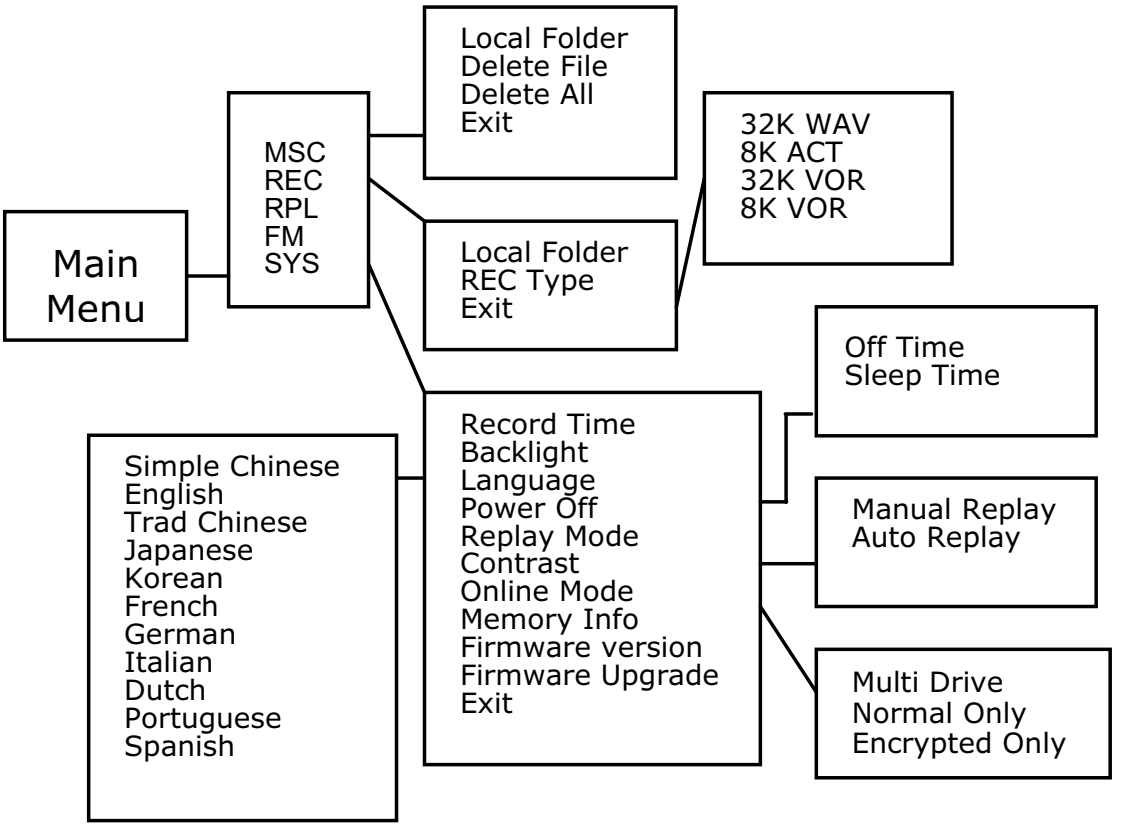
Display



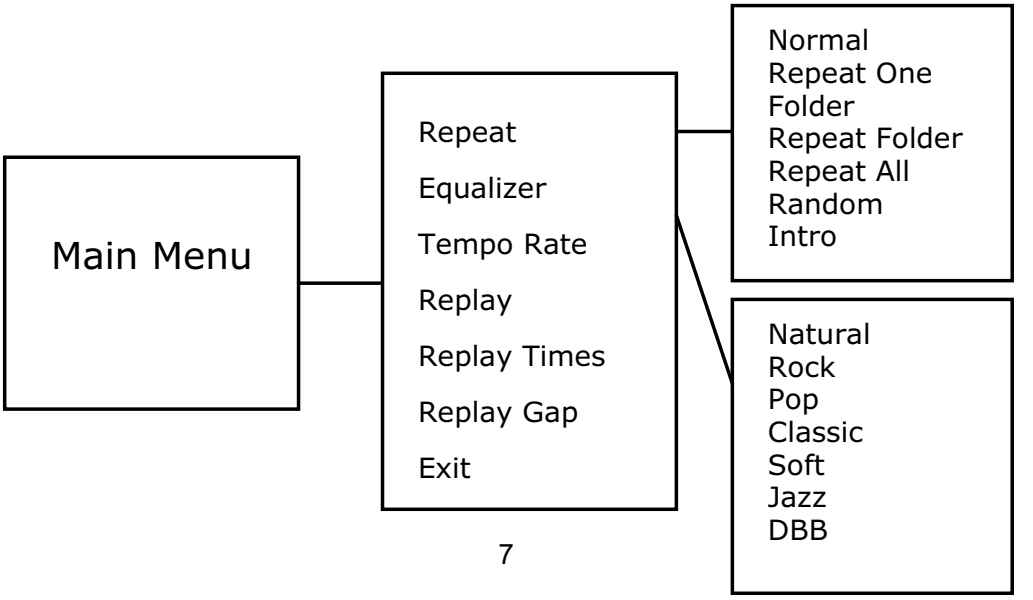
Display Icon	Function
	Repeat Mode Show the current repeat mode used.
	Battery Level Show the battery level.
	The Format of the Playing Music Indicate the format of the playing music, MP3 or WMA.
	Mode of Equalizer Indicate the current mode of equalizer used. 7 different EQ settings are available for selection.
	Bit Rate Show the bit rate of the song
	**The Name of Playing Song** Show the playing song currently

On-screen-menu Operation

In STOP mode (No song or voice is playing)



In PLAYING mode (A song or voice is playing)



Power On and Off

Inserting Battery
Insert 1xAAA battery into battery compartment. Align the “+” and “-“ sign as indicated on the battery slot.

Power On
Press and hold ON/OFF button to turn on the player. Release ON/OFF button until “Welcome” appears on the display.

Power Off
Press and hold ON/OFF button to turn off the player. Release ON/OFF button until the player is off.

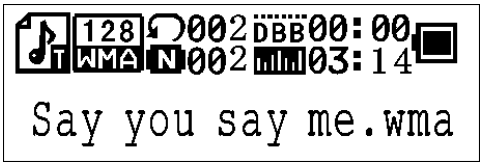
Battery Level
The battery icon on the display shows the battery level.

Low Battery
When the battery icon shows in , it indicates the battery power is running out. You should replace a new AAA battery.

Changing Mode

Note: Press and hold ON button to turn on the player.
Entering Main Menu Page

1. Switch the player into STOP mode (No music is playing). The display shows as below.



2. Press and hold MODE/CONFIRM button until you reach the below Main Menu page.

You’ve entered the Main Menu page.

3. Press NEXT button to jump to other menu items in sequence of Music, Record, Replay, FM, System.

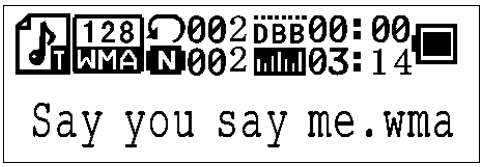
4. Select your desired menu item and press MODE/CONFIRM button again to enter sub-menu page.

Playing Song

1. After entering Main Menu page, select Music and press MODE/CONFIRM button to enter Playing Song mode.

   Note: Only .MP3 and .WMA format will be played under Playing Song mode.

2. The display will return to the following screen in STOP mode.



3. Press PREVIOUS/ NEXT button to select your desired song.

4. Press PLAY button to start playing selected .MP3 or .WMA music. If there is no .MP3 and .WMA files, “No Music Files” will show on the display.

Skip a Song
Push MODE/CONFIRM button upward or downward and release immediately to jump to next or previous song.

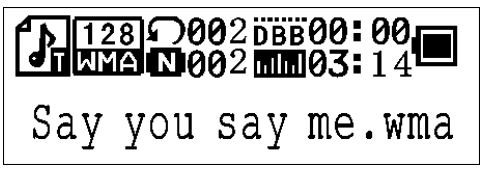
Fast Forward and Backward
Push and hold MODE/CONFIRM button upward or downward to fast forward or backward.

*Note: Refer to **Overview** section for detailed buttons operation.*

Playing Recorded Voice

1. After entering Main Menu page, select Replay and press MODE/CONFIRM button to enter Playing Recorded Voice mode.

2. The display will return to the following screen in STOP mode.



3. Press PREVIOUS/ NEXT button to select your desired voice.

4. Press PLAY button to start playing selected audio files. If there is no recorded audio file, “No Files!” will show on the display.

Skip a Voice
Push MODE/CONFIRM button upward or downward and release immediately to jump to next or previous recorded voice.

Fast Forward and Backward
Push and hold MODE/CONFIRM button upward or downward to fast forward or backward.

*Note: Refer to **Overview** section for detailed buttons operation.*

Recording Voice

1. After entering Main Menu page, select Record and press MODE/CONFIRM button to enter Recording Voice mode.
   Note: The recorded voice will be saved in .ACT or .WAV only. Please pre-set before starting voice recording.

2. The following display will be shown once you've entered Record Voice mode

3. Before recording, you may set your REC type. Press MODE/CONFIRM and then Press PREVIOUS/ NEXT button to select REC type.

4. There are four recording modes available: 32K WAV, 8K ACT, 32K VOR, 8K VOR.

5. Put the sound source near the built-in microphone. Press MODE/CONFRIM button to confirm the selection and the press REC/HOLD to start recording. You are allowed to press PAUSE/STOP button to pause or stop the recording.

When you finished the recording, press and hold PAUSE/STOP button. Release the button when the wording of "Saving…" shows on the display. The recorded audio files will be saved under Root Directory as default. Refer to ***Change Directory*** section for details.

Recording Mode

32K WAV

It performs High recording quality in .WAV file format but the file size is relatively larger.

8K ACT

It performs Low recording quality in .ACT file format but the file size is relatively smaller.

32K VOR

The voice recording starts when there is a sound. If there is no any sound, the recording will pause. It will resume to record when there is a sound.
It performs higher recording quality relatively than *8K VOR*.

8K VOR

The voice recording starts when there is a sound. If there is no any sound, the recording will pause. It will resume to record when there is a sound.
It performs lower recording quality relatively than *32K VOR*.

FM Radio (Optional)

1. After entering Main Menu page, press PREVIOUS/NEXT to select FM Radio Function.

2. Users are free to choose different FM channels.

System Settings

1. After entering Main Menu page, press PREVIOUS/NEXT to select Sys Function.

2. Press MODE/CONFIRM button to enter Sys Function menu page.

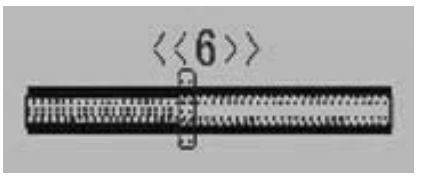
Record Time
Backlight
Language
Power Off
Replay Mode
Contrast
Online Mode
Memory Info
Firmware version
Firmware Upgrade
Exit

Record Time

1. After entering Sys Function menu page, select Record Time.
2. Last record time will be shown on the display when you press MODE/CONFIRM button.

Change Backlight Duration

1. After entering Sys Function menu page, select Back Light by pressing MODE/CONFIRM button to set the backlight duration. The backlight duration can be set in the range of 0 to 30 seconds.



2. Push MODE/CONFIRM button upward or downward to change the selection and then press MODE/CONFIRM to confirm.

Change On-screen-menu Language

1. After entering Sys Function menu page, press PREVIOUS/NEXT to select Language Function. Eleven languages are available as below.

Simple Chinese
English
Trad Chinese
Japanese
Korean
French
German
Italian
Dutch
Portuguese
Spanish

Power Off

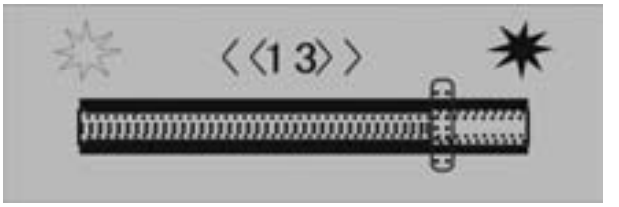
There are Off Time and Sleep Time under this option.
For Off Time, press PREVIOUS/NEXT to set the off time in 0/10/20/30/40/50/60 seconds. The player will be off automatically based on the duration you set.
For Sleep Time, press PREVIOUS/NEXT to set the sleep time in 0/10/20/30/40/50/60/70/80/90/100/110/120 seconds. The player will play for just the certain minutes you selected and automatically shutoff.

Replay Mode

There are Manual Replay and Auto Replay, Press PREVIOUS/NEXT to choose your desired option.

Change Contrast of Display

1. After entering Sys Function menu page, select Contrast by pressing MODE/CONFIRM to increase or decrease the contrast of the display.



2. Push and hold MODE/CONFIRM button upward or downward to change the selection and then press MODE/CONFIRM to confirm.

Online Mode

There are Multi Drive, Normal Only and encrypted Only.

Check Memory

After entering Sys Function menu page, select Memory Info by pressing MODE/CONFIRM button to check the used memory. The used memory will be shown on the display.

Show Firmware Version

After entering Sys Function menu page, select Firmware Version by pressing MODE/CONFIRM. The date code, version of the firmware will be shown on the display for reference.

Firmware Upgrade

It will be used when there is an upgrade of firmware.

Repeat Mode

In PLAYING mode, press MODE/CONFIRM button and select Repeat to enter the Repeat mode. Seven Repeat Modes are available: Normal, Folder, Repeat One, Repeat Folder, Repeat All, Random, Intro.

Normal

All music will be played one by one and stopped at the last music until you disable this function.

Repeat One

The playing music will be re-played once until you disable this function.

Repeat All

All music will be played from the beginning to the last one and then repeated from the beginning to the last one until you disable this function.

Folder/Repeat Folder

All music files in a folder will be playback folder by folder until you disable this function.

Random
All music in the player will be randomly playback until you disable this function.

Intro
All music from the current one to the last one will play for 10 seconds one by one until you disable this function.

The setting of ***Repeat*** mode is able to apply in ***Playing Song*** and ***Playing Recorded Voice*** mode.

EQ Mode

In PLAYING mode, press MODE/CONFIRM button and select EQ Select to enter the EQ mode. Seven EQ mode are available: Natural, Rock, Pop, Classic, Soft, Jazz and DBB.

Push MODE/CONFIRM button upward or downward to change the EQ mode and press MODE/CONFIRM button to confirm the EQ mode.

The setting of ***EQ*** mode is able to apply in ***Playing Song*** and ***Playing Recorded Voice*** mode.

Changing Playing Rate

1. In PLAYING mode, press MODE/CONFIRM button and select *Tempo Rate* to enter the sub menu.

2. Press and hold PREVIOUS/NEXT button to adjust the playing rate of a song. A status bar will be shown on the display.

Note: This feature only supports in MP3 song while it doesn't support in WMA song.

A-B Repeat

1. In PLAYING mode, press MODE/CONFIRM button and select *Replay* sub menu to enable *A-B Repeat* fuction.

2. The mark A is flashing on the display and waiting for setting. Press PREV/NEXT button to set the mark A. Mark A is set if flashing of Mark A stops.
3. The mark B is flashing on the display and waiting for setting. Press PREV/NEXT button to set the mark B. Mark B is set if flashing of Mark B stops.
4. The music between mark A and mark B will be repeated once
   You may stop the playing until you press MODE/CONFRIM button to disable A-B Repeat function.

Replay Times

Note: This function is workable when the A-B Repeat is enabled.

In PLAYING mode, press MODE/CONFIRM button and select *Replay Times* to enter the sub-menu. The number of replay times can be adjusted.

Replay Gap

Note: This function is workable when the A-B Repeat and Replay Time are enabled.

In PLAYING mode, press MODE/CONFIRM button and select *Replay Gap* to enter the sub-menu. The idle duration between mark A and mark B can be adjusted.

Installing Driver and Software Utilities

System Requirements

- PC with Pentium class or faster processor
- 64MB RAM
- USB port
- CD-ROM drive for software installation
- 30MB free hard disk space
- Windows® 98/98SE/Me or Windows® 2000/XP

The Driver and Software Utilities contain the followings in one Setup.exe file.
Noted: The software is not recommended to install on MAC OS.

1. The driver for Windows® 98 /98SE
   A driver makes your player properly work on Windows® 98/98SE.

2. The software utilities for converting .ACT audio file to .WAV audio file
   .ACT audio files can only be played in the player. If you want to play the .ACT on your PC, you have to convert .ACT to .WAV audio files, which can be playback on common software players (i.e. Windows® Media Player).

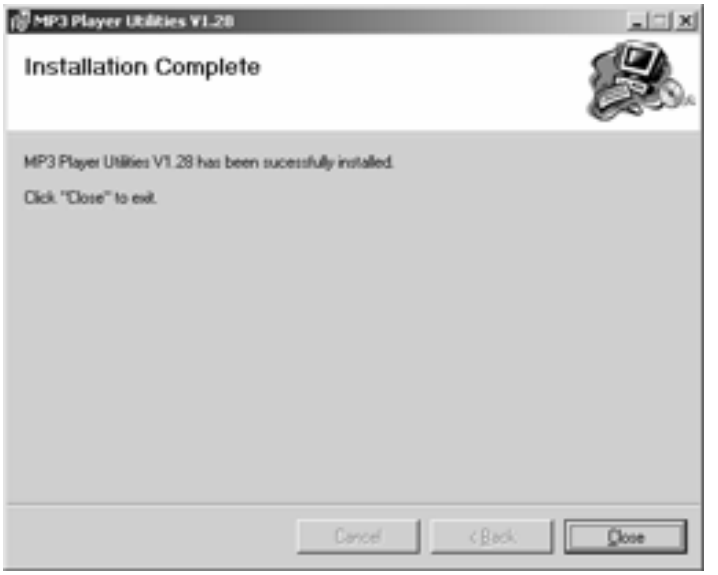
3. The software utilities for formatting internal memory

Driver and Software Utilities Installation

If you are using Windows® 98/98SE, you must install driver before downloading any files to your player.

Note: If you are using Windows® Me/2000/XP, you may skip the following installation procedures for downloading the files.

Step 1. Click the **Setup.exe** to start driver installation. Follow the on-screen-menu to complete the installation.

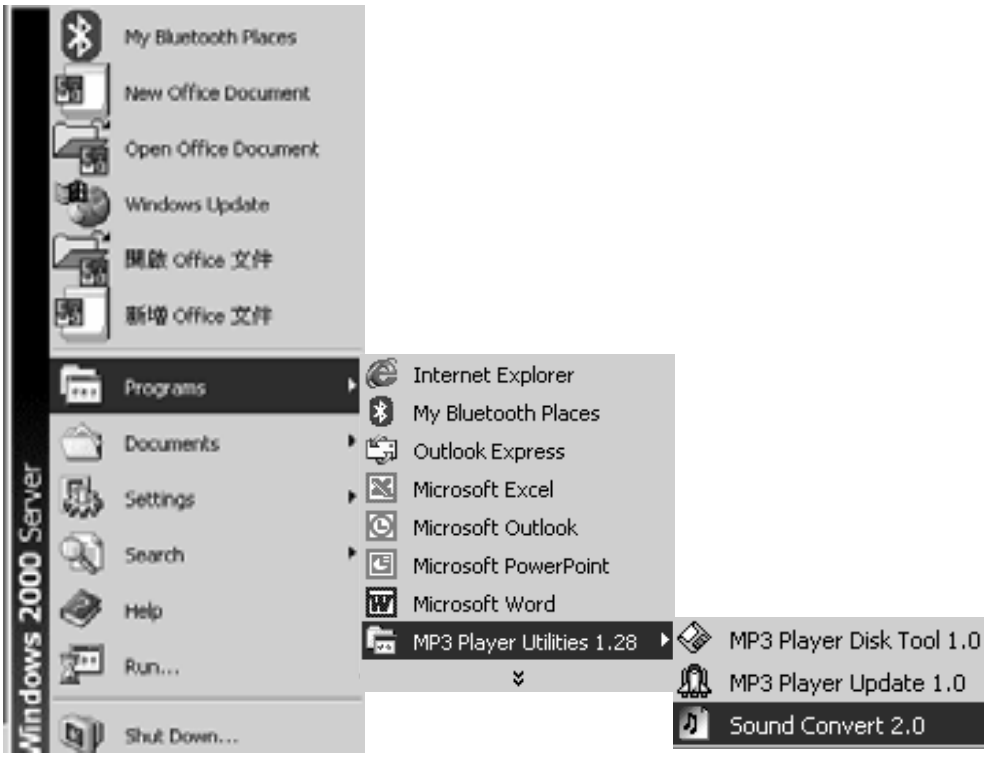


Step 2: Click Close button and restart your computers when you reach the following screen.

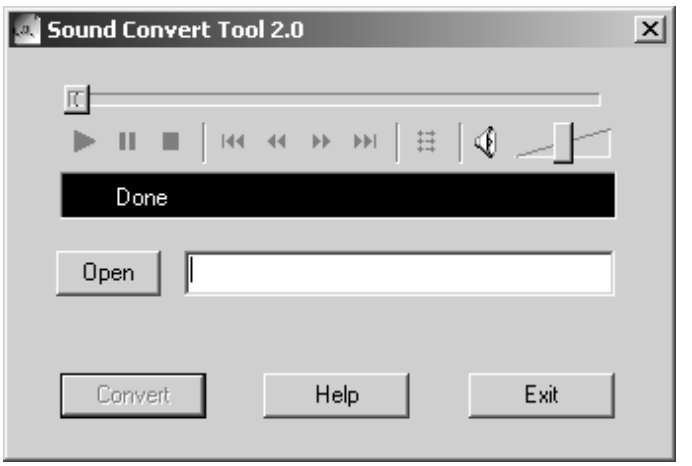
MP3 Player Utilities V1.28
Welcome to the MP3 Player Utilities V1.28 Setup Wizard
The installer will guide you through the steps required to install MP3 Player Utilities V1.28 on your computer.
WARNING: This computer program is protected by copyright law and international treaties. Unauthorized duplication or distribution of this program, or any portion of it, may result in severe civil or criminal penalties, and will be prosecuted to the maximum extent possible under the law.
Cancel
< Back
Next >

Converting .ACT audio to .WAV audio

Step 1: After installing the driver and software utilities, click Start button, select Programs > MP3 Player Utilities 1.28 > Sound Converter 2.0

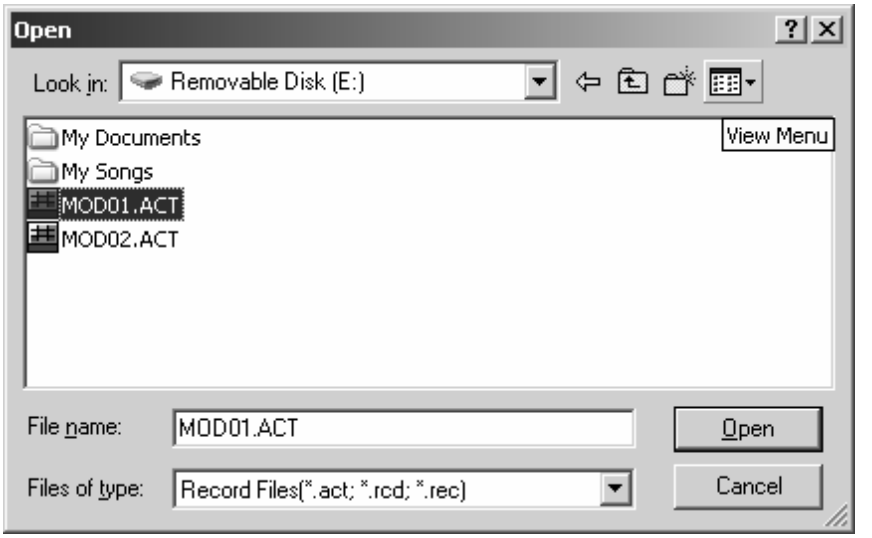


Step 2: The following screen will launch.



Click Open button to browse which .ACT audio file will be converted to .WAV audio file.

+

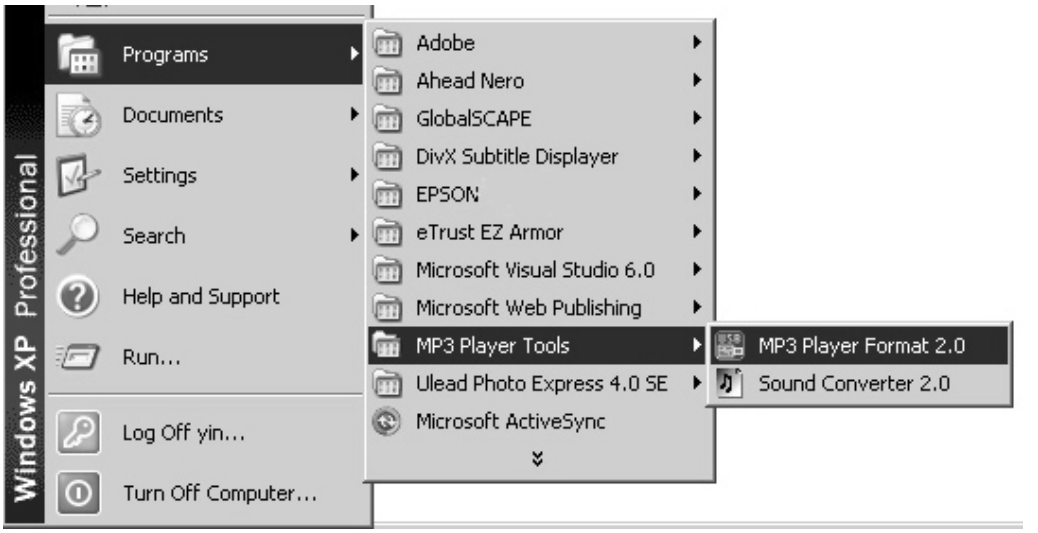


Step 3: Click Convert button to start converting process. You will see .WAV audio file was converted and located in the same directory as the directory of .ACT audio file. If you're not able to locate the .WAV file, the location path is shown on the left-top corner of the window.

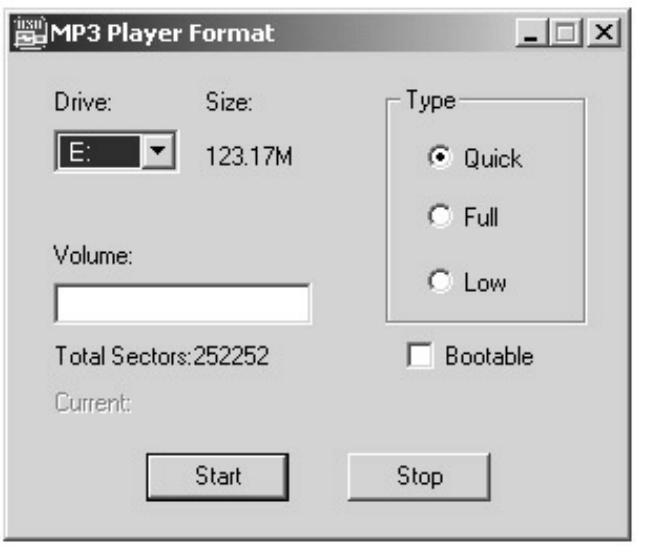
Formatting the Internal Memory

Step 1: Connecting the USB cable to MP3 Player and your computer. The following display will appear.

Step 2: Click Start button, select Programs > MP3 Player Tools > MP3 Player Format 2.0 .



Step 3: The following screen will launch.



The driver for the player is detected automatically and the driver letter will show on the screen. You may label the drive for the player and select the type of the formatting, then click Start button to process formatting.

Note: Don't disconnect the USB cable or switch off the power during formatting. It may cause the player mal-functioning.

Editing Lyrics

An instruction for teaching you edits the lyrics synchronous with the songs.

Step 1: Click Start button, go to Programs > Accessories > Notepad to open a new text document.
Step 2: Write the lyrics as the following format. The corresponding time to lyrics should be typed in [ ] bracket format.
Step 3: Then save the text file in extension of **.LRC** file.

Aqua Barbie girl.lrc - Notepad
File Edit Format Help
[00:04.71]- Hi Barbie!
[00:05.29]- Hi Ken!
[00:06.35]- You wanna go for a ride?
[00:07.67]- Sure, Ken!
[00:08.69]- Jump in!
[00:10.64]I'm a Barbie girl in the Barbie world
[00:14.58]Life in plastic, it's fantastic
[00:17.46]You can brush my hair, undress me everywhere
[00:21.65]Imagination, life is your creation
[00:24.76]Come on, Barbie, let's go party
[00:26.69]I'm a Barbie girl in the Barbie world
[00:30.83]Life in plastic, it's fantastic
[00:34.00]You can brush my hair, undress me everywhere
[00:37.95]Imagination, life is your creation
[00:43.13]I'm a blonde single girl in the fantasy world
[00:46.18]Dress me up, take your time, I'm your dollie
[00:50.11]You're my doll, rock and roll, feel the glamour and pain
[00:53.61]Kiss me here, touch me there, hanky-panky
[00:57.26]You can touch, you can play
[01:00.72]You can say I'm always yours, oooh whoa
[01:02.87]I'm a Barbie girl in the Barbie world
[01:09.39]Life in plastic, it's fantastic
[01:12.55]You can brush my hair, undress me everywhere
[01:16.44]Imagination, life is your creation
[01:20.40]Come on, Barbie, let's go party, ha ha ha, yeah

Step 4: Copy the lyrics file (.LRC) and its song into the player under the same directory. You will see the lyrics scrolling on the display.

Note: The function of scrolling lyrics should be enabled, please refer to ***Lyric*** *section for details.*

Downloading MP3 and WMA songs

Note: The screens shown below applies to Windows® XP, other version of Windows® may display slightly different screens.

Step 1: Ensure your player is on.
Step 2: Tightly plug the USB cable to the USB ports of your computer and player.
Step 3: Once the plugging is done properly, the following screen will display. If this screen doesn't show, please re-plug the USB cable again.

The following screen will appear.

Note: Please ignore the following screen if you are not using Windows® XP.

Removable Disk (E:)
This disk or device contains more than one type of content.
What do you want Windows to do?
Play
using Windows Media Player
Open folder to view files
using Windows Explorer
Take no action
Print the pictures
using Photo Printing Wizard
View a slideshow of the images
using Windows Picture and Fax Viewer
Copy pictures to a folder on my computer
OK
Cancel

Step 4: Double click **My Computer** on the Desktop and a Window will display as follow.

You find a **Removable Disk** on the Window.

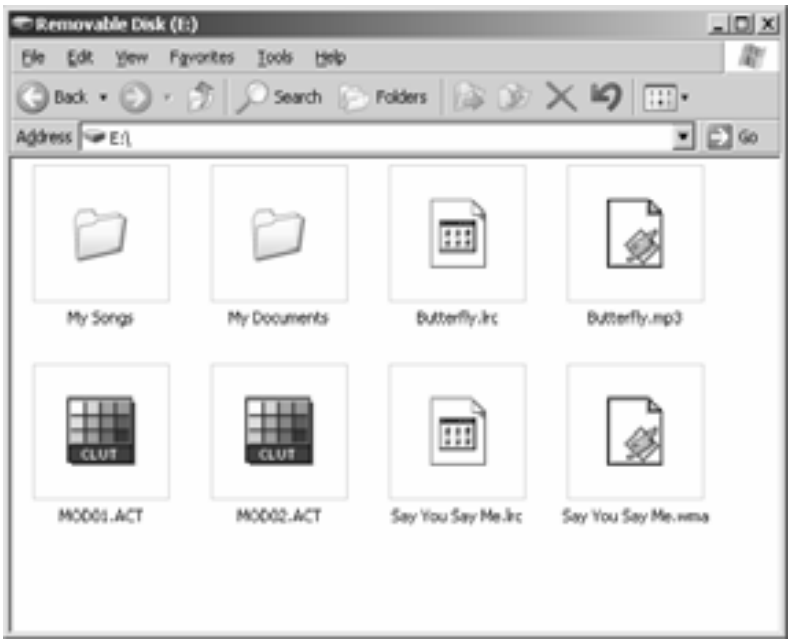
Since Windows® will assign a drive letter to the **Removable Disk** according to system configuration of the computer, the drive letter may be different when the player is connected to a different computer.

Step 5: Double click **Removable Disk.**

.

Note: "Busy…" will appear during downloading or uploading the files, please don't disconnect the USB cable or turn off the player at this moment. If "Busy…" disappears on the display, you are allowed to disconnect the cable.

Step 6: Drag and drop .MP3 and .WMA music file into **Removable Disk**.



*Note: You are allowed to create any directories and files in **Removable Disk**.*

The file in extension of .LRC is the lyric file which stores the lyrics synchronous with its song. Please refer to ***Editing Lyrics*** section for details.

The file in extension of .ACT is the recorded voice file which's the special audio format developed by vendor. For common software audio players in the market, it can't play .ACT audio files. Therefore, .ACT file is necessary to convert to .WAV for playback on the common software audio players such as Microsoft® Windows® Media Player. Please refer to ***Converting. ACT audio to .WAV audio*** section for details.

Using USB Mass Storage Function

USB mass storage function allows you access the player as a disk drive of your computer. You can Copy and Delete the files with any formats into/from the player. Follow the same procedures in ***Downloading MP3 and WMA songs*** for details.

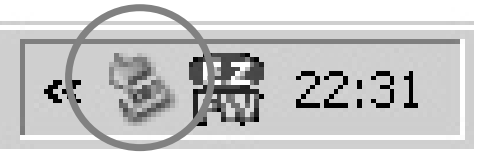
Note: "Busy…" will appear during downloading or uploading the files, please don't disconnect the USB cable or turn off the player at this moment. If "Busy…" disappears on the display, you are allowed to disconnect the cable.

Disconnecting the USB Cable

Before you disconnect the USB cable from your player or computer, please note the following procedures should be done for safety removal.

Note: Please ignore these procedures if you are using Windows®98/98SE.
Note: "Busy…" will appear during downloading or uploading the files, please don't disconnect the USB cable or turn off the player at this moment. If "Busy…" disappears on the display, you are allowed to disconnect the cable.

Step 1: Double click the **Removable Disk**, which's at the right-bottom corner of your desktop.



Step 2: The following window will appear. Click Stop button.

Safely Remove Hardware
Select the device you want to unplug or eject, and then click Stop. When Windows notifies you that it is safe to do so unplug the device from your computer.
Hardware devices:
USB Mass Storage Device
USB Mass Storage Device at Generic USB Disk Device
Properties
Stop
Display device components
Close

Step 3: Another window will pop up. Select “GENERIC USB DISK DEVICE USB Device” and click OK button to confirm.

Stop a Hardware device
Confirm devices to be stopped, Choose OK to continue.
Windows will attempt to stop the following devices. After the devices are stopped they may be removed safely.
USB Mass Storage Device
Generic volume - (E:)
GENERIC USB DISK DEVICE USB Device
OK
Cancel

Step 4: Click Close button to exit the window. You are allowed to disconnect the USB cable from the USB port of your computer.

Formatting the Internal Memory

There are two ways to format the internal memory.

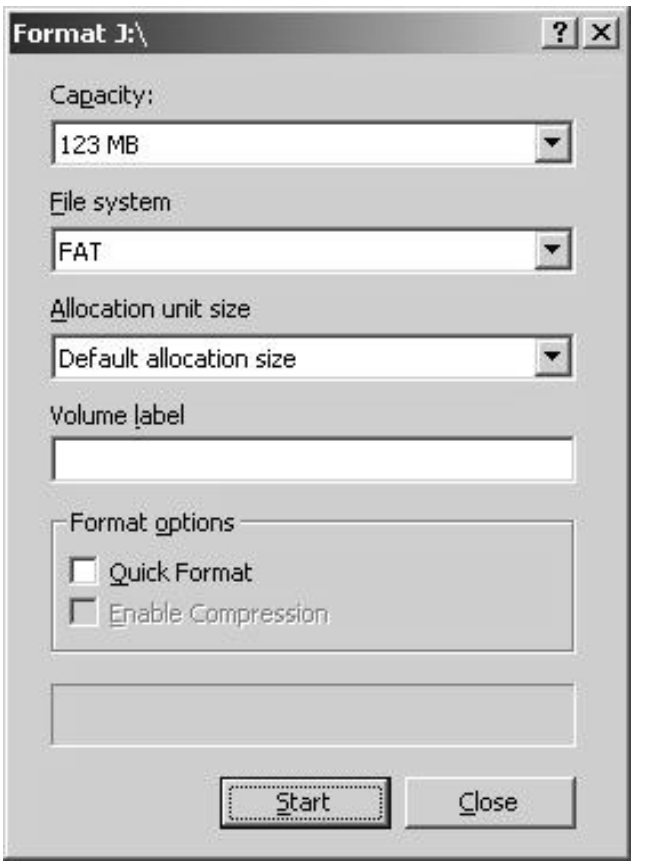
Note: This formatting procedure will cause all files in the player lost.

Using the Formatting Software Utilities
Please refer to ***Installing Driver and Software Utilities*** section for details.

Using the Formatting in Windows®

1. Click **My Computer**

on your desktop.
2. And you will see a **Removable Disk,** right click on **Removable Disk** and click **Format** on the menu.
3. After you clicked **Format**, you will see the following screen and click Start button to start formatting.



Trouble Shooting

Symptom	Reasons	Solution
Press the POWER button, the display does not turn on	The battery run out	● Replace new battery
After turning on the player, no response is given when pressing any buttons	HOLD button is locked	Check if HOLD button is locked and push to unlock mode
After plugging the player into the USB port of your computer, **Removable Disk** Drive cannot be found in **My Computer**	The software utilities (included in CD) has not yet installed on Windows® 98/98SE	● Insert the CD ● Click the setup to install the software utilities ● Follow the on-screen instructions to finish installation
	The software utilities of the player (included in CD) conflicts with other software drivers which were installed on your computer	● Uninstall the software utilities of the player ● Restart your computer ● Re-install the software utilities again
	Your motherboard doesn't support the USB connection	Contact the manufacturer of your motherboard to upgrade the motherboard driver
The music file on the player cannot be deleted	The attribute of the music file sets as *Read Only*	Change the attribute of the music file
The playing time displays in disorder when playing a mp3 music	A mp3 music file is currently compressed in VBR format, which can vary the compression speed of a mp3 music. When the mp3 music is playing, the variable speed will cause the playing time displays in disorder	Compress the mp3 music in fix compression speed rather than variable compression speed
When the player is connected or disconnect to/from your computer, there is an unusual error on the computer	It's due to the sudden disconnection of USB port during transferring the files	It is recommended the user should not suddenly unplug the player from the USB port of computer when the files are being transferred or the internal memory is being formatted.

My player can't play the mp3 music files	Most of mp3 music files in the market are compressed in MPEG1, MPEG2, LAYER3 standard. In earlier days, some mp3 music are compressed in MPEG1 LAYER1 and MPEG1 LAYER2. Please note our player doesn't support MPEG1 LAYER1, MPEG1 LAYER2 or an mp3 compressed in more than one compression standards.	If the mp3 player can't play the mp3 music file, skip to the next song until the mp3 music files are not compressed in MPEG1 LAYER1 /MPEG1 LAYER2.
		Delete those files which can't be played in the player
		Change the compression standard of a mp3 music file in MPEG1 LAYER3
If the music file can't be played normally or you hear a long beep sound	The player doesn't support such compression standard of the playing music file	The player just can support MPEG1 MPEG2 LAYER3 and WMA music files
	Out of the range of compression speed	● The range of MP3 compression speed: 32Kbps~384Kbps ● The range of WMA compression speed: 64Kbps~128Kbps
	Tips: If you don't know the compression standard and speed of the music file, you should use those common music players (i.e. Winamp) to check the music information.	
After formatting the internal memory of the player by using our software utilities, close and re-open the software, the mp3 player can't be detected	Some system information may be deleted during formatting	Disconnect the player and re-plugged
The computer can't detect the USB cable	No driver was installed on Windows® 98/98SE	Install driver
	Unsafely remove the USB cable	Format the internal memory

Technical Specifications

Capacity	16/32/64/128/256/512MB/1GB internal flash memory
Display	LCD display with backlight
Interface	USB 2.0 full speed
Power	1xAAA battery
File type	.MP3 (32kbps – 384kbps), .WMA (64kbps – 128kbps) for music at Constant Bit Rate .ACT for recorded audio files
S/N ratio	90dB
Earphones output power	9mWx, 32ohm
Operating System	Windows® 98/98SE/Me/2000/XP MAC OS 9.0, 10.0
Dimensions	31mm(W) x 83mm(H) x 18mm(D)
Weight	29g